

Name: _____

at1110paper__practice__test (v12)

1. Expand the following expression into standard form.

$$(3x - 8)(6x - 5)$$

2. Solve the equation.

$$(3x + 4)(7x - 6) = 0$$

3. Expand the following expression into standard form.

$$(4x + 5)(4x - 5)$$

4. Expand the following expression into standard form.

$$(8x + 5)^2$$

5. Factor the expression.

$$x^2 + 5x - 36$$

6. Factor the expression.

$$25x^2 - 49$$

7. Solve the equation with factoring by grouping.

$$24x^2 + 20x + 18x + 15 = 0$$

8. Solve the equation.

$$12x^2 + 23x - 38 = 5x^2 + 4x - 2$$